

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
FROSIEN et al.

Serial No.: 10/571,519

Confirmation No.: 3269

Filed: March 10, 2006

For: CHAMBER WITH LOW
ELECTRON STIMULATED
DESORPTION

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International Application No.:  
PCT/EP2004/010078

International Filing Date:  
September 9, 2004

Priority Date: September 12, 2003

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

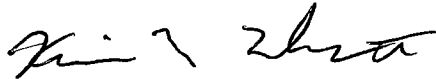
**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Applicant files this Response to a Notification of Missing Requirements (Form PCT/DO/EO/905 (371 Formalities Notice)), mailed October 30, 2006, within the two-month period set to expire on December 30, 2006. The notice (copy enclosed) indicates that the application was filed without a signed Oath or Declaration and with deficient claims fees.

Enclosed for filing in the above-referenced application is the signed Combined Declaration and Power of Attorney in response to the missing requirements request.

The Commissioner is hereby authorized to charge the surcharge for late submission of filing fee and additional claims fees associated with this Communication and Response, or credit any overpayment, to Deposit Account No. 20-0782/ZIMR/0034/KMT, as detailed on the attached Fee Transmittal.

Respectfully submitted,



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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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|                             |                       |                  |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/571,519                  | Juergen FROSIEN       | ZIMR0034         |

26290  
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HOUSTON, TX 77056

|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/EP04/10078                |               |
| I.A. FILING DATE              | PRIORITY DATE |
| 09/09/2004                    | 09/12/2003    |

**CONFIRMATION NO. 3269**  
**371 FORMALITIES LETTER**



\*OC000000021014205\*

Date Mailed: 10/30/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/10/2006
- Copy of the International Search Report filed on 03/10/2006
- Copy of IPE Report filed on 03/10/2006
- Information Disclosure Statements filed on 03/10/2006
- U.S. Basic National Fees filed on 03/10/2006
- Priority Documents filed on 03/10/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$610** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$740** for a Large Entity:

- **\$130** Surcharge.
- Total additional claim fee(s) for this application is \$ **610**
  - **\$200** for 1 independent claims over 3.
  - **\$50** for 1 total claims over 20.
  - **\$360** for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

**PART 1 - ATTORNEY/APPLICANT COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/571,519                  | PCT/EP04/10078                | ZIMR0034         |